

## TAAR5 Polyclonal Antibody

<b>Catalog No :</b>	YT4519
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	TAAR5
<b>Fields :</b>	>>Neuroactive ligand-receptor interaction
<b>Gene Name :</b>	TAAR5
<b>Protein Name :</b>	Trace amine-associated receptor 5
<b>Human Gene Id :</b>	9038
<b>Human Swiss Prot No :</b>	O14804
<b>Mouse Swiss Prot No :</b>	Q5QD14
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human TAAR5. AA range:288-337
<b>Specificity :</b>	TAAR5 Polyclonal Antibody detects endogenous levels of TAAR5 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 38kD

**Cell Pathway :** Neuroactive ligand-receptor interaction;

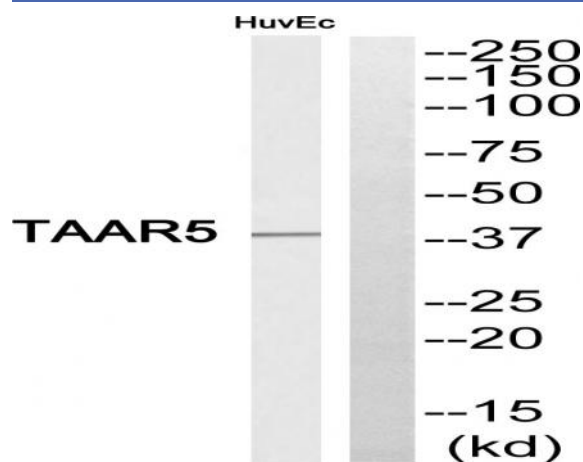
**Background :** function:Orphan receptor. Ligands are likely small molecules, either sharing some similarities with trace amine as, e.g. derivatives of indolamines (such as 5-methoxytryptamine) or of phenylethylamines (such as phenylethanolamine) or being any kind of metabolite of amino acids or biogenic amine neurotransmitters.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed almost exclusively in skeletal muscle and selected areas of the brain, such amygdala, hippocampus, caudate nucleus, thalamus and hypothalamus. Weak expression is also find in substantia nigra.,

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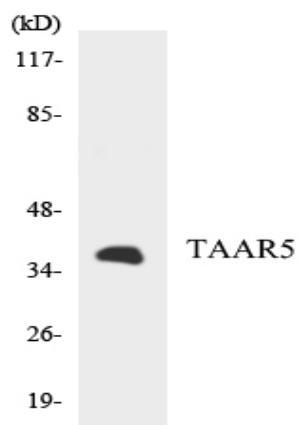
**Subcellular Location :** Cell membrane ; Multi-pass membrane protein .

**Expression :** Expressed almost exclusively in skeletal muscle and selected areas of the brain, such amygdala, hippocampus, caudate nucleus, thalamus and hypothalamus. Weak expression is also find in substantia nigra.

## Products Images



Western blot analysis of TAAR5 Antibody. The lane on the right is blocked with the TAAR5 peptide.



Western blot analysis of the lysates from HUVECcells using TAAR5 antibody.